United States Department of Agriculture
Natural Resources Conservation Service

*Helping People Help the Land*

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# NH Tree and Shrub Planting 612– Job Sheet

| **Practices Needed:** |
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| **Tree and Shrub Planting-Bare Root (each)** |
| **Tree and Shrub Planting- 100 one gallon containers per acre** |
| **Mulching- Tree and Shrub Wood Chips or Weed Mats -each** |
| **Site Preparation- Mowing, Disking, clearing slash from forest openings** |
| **Herbaceous Weed Management-(optional)** may require wetlands/shoreland permit and licensed applicator |
| **Size and Number of Trees and Shrubs to Plant** |
| All trees and shrubs are 1 gallon container stock, NRCS planners will determine which plant materials are appropriate for the site.<br><br>Bare root plants are on an each basis and are typically 0.60 cents each and about $2 dollars apiece installed. |
| **Temporary Storage Instructions** |
| Containerized plant stock should be watered and kept in the shade, and planted as soon as possible after delivery. Don't soak containers prior to planting; it causes the root-ball to fall apart when removed from the container and causes damage to the fine roots.<br><br>Bare root stock is only available in the spring, and should be planted immediately after delivery. Plants can stay dormant in an apple cooler or walk in refrigerator for up to 4 weeks. |
| **Site Preparation** |
| Close mow grass areas to be planted. If planting bare root stock where weeds or grasses are a concern pre-treat the area twice with herbicide. Wait 10 days or (manufacturers recommendations) after herbicide application to plant container stock. |
| **Planting Methods and Timing** |
| Dig holes 50% larger than 1 -gallon container stock and backfill with loam-compost mix. Mulch trees with wood chips, to reduce weed pressure and avoid placing mulch directly against the stem of the plant. Use deer protection tubes when needed. Don't plant container stock into standing water, wait until ground water is at least 12 inches below the surface. Plant early in the spring after the ground is thawed until late-may, or in the Fall mid-September-Late October.<br><br>Early to Mid April is the best time to plant bare root seedlings, and all plants should be in the ground before early May. |
| **Operation and Maintenance** |
| The buffer must be inspected periodically and protected from damage so proper function is maintained. Replace dead or dying tree/shrub stock and continue control of competing vegetation to allow proper establishment. Typically contractors will provide a guarantee for free replacements over 50% mortality after 1 year, get this in writing. |

# Tree and Shrub Planting (612) Job sheet

| | **Total Acres Planned** | | **Buffer Width** | | | |
|---|---|---|---|---|---|---|
| | **Containers Needed** | | **Silver Maple Flooded** | **Seasonal Standing Water** | **Sandy Soils Xeric** | **Moderately Drained Rich Sites** |
| **Scientific Name** | **Common Name** | **Quantity** | | | | |
| **Trees** | | | **x = suitable for habitat** | | | |
| *Acer saccharinum* | silver maple | | x | | | x |
| *Acer saccharum* | sugar maple | | | | | x |
| *Acer rubrum* | red maple | | | x | | x |
| *Quercus alba* | white oak | | x | | | x |
| *Quercus rubra* | northern red oak | | | | x | x |
| *Pinus strobus* | white pine | | | | x | x |
| *Pinus resinosa* | red pine | | | | x | |
| *Pinus rigida* | pitch pine | | | | x | |
| *Populus tremuloides* | Quaking aspen | | x | | X | x |
| **Shrubs** | **Total Trees** | | | | | |
| *Viburnum trilobum* | high bush cranberry | | x | x | | x |
| *Amelanchier sp.* | serviceberry | | x | | | x |
| *Alnus rugosa* | alder | | | x | | x |
| *Corylus americana* | hazelnut | | x | | x | x |
| *Rhus typhina* | staghorn sumac | | | | x | |
| *Sambucus canadensis* | common elderberry | | x | x | | |
| *Viburnum dentatum* | arrowwood viburnum | | | x | | |
| *Aronia melanocarpa* | black chokeberry | | x | | | x |
| *Cornus racemosa* | grey dogwood | | x | x | | x |
| *Cornus sericea* | red osier dogwood | | x | x | | x |
| *Hamamelis virginiana* | witch hazel | | x | | | x |
| *Ilex verticillata* | winterberry holly | | x | x | | x |
| *Salix sp.* | willow | | x | x | | x |
| *Vaccinium corymbosum* | high bush blueberry | | x | x | x | x |
| *Viburnum Casinoidies* | northern wild raisin | | x | x | | x |
| *Viburnum lentago* | nannyberry | | x | | | x |
| Acer negundo | Box elder | | x | x | | x |
| | **Total Shrubs** | | | | | |